



9/24/04

IFW

Practitioner's Docket No. IB-1830

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: A. Paul Alivisatos

Application No.: 10/659,992

Group No.:

Filed: September 10, 2003

Examiner:

For: Graded Core/Shell Semiconductor Nanorods and Nanorod Barcodes

Mail Stop Amendment
Commissioner for Patents
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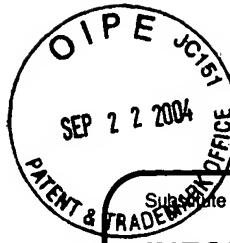
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1

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9

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Application Number	10/659,992
Filing Date	9/10/2003
First Named Inventor	A. Paul Alivisatos
Art Unit	
Examiner Name	

Attorney Docket Number IB-1830

U.S. PATENT DOCUMENTS				
Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
1	4,625,071		11/25/1986	Delahoy, et al.
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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
A		WO 99/25028 A1	06/20/1999	PCT		

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2

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	27	SCHLAMP, et al., <i>Journal of Applied Physics</i> , Volume 82, No. 11, pp. 5837- 5842, (December 1997)	
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	39	SCHON, et al., <i>Nature</i> , Volume 403, pp. 408-410, (January 2000)	

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3

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	40	ROMAN, et al., <i>Advanced Materials</i> , Volume 9, Number 15, pp. 1164-1168, (January 1997)	
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4

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(use as many sheets as necessary)				Filing Date	9/10/2003
Sheet	5	of	9	First Named Inventor	A. Paul Alivisatos
				Art Unit	
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	67	GRATZEL, <i>MRS Bulletin</i> , pp. 61-66, (October 1993)		
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6

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	79	DITTMER, et al., <i>Solar Energy Materials & Solar Cells</i> , Volume 61, pp. 53-61, (January 2000)	
	80	KRASNIKOV, et al., <i>Department of Polymer Chemistry, Materials Science Centre, University of Groningen: Infosheet 'Interpenetrating Morphologies for Photovoltaic Devices'</i>	
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	103	LEON, et al., <i>Science</i> , Volume 267, pp. 1966-1968, (March 1995)		
	104	LI, et al., <i>Nature</i> , Volume 402, pp. 393-395, (November 1999)		

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	105	LIEBER, <i>Solid State Communications</i> , Volume 107, Number 11, pp. 607-616, (November 1998)	
	106	LIU, et al., <i>Physical Review Letters</i> , Volume 84, Number 9, pp. 1958-1961, (February 2000)	
	107	MEWS, et al., <i>Physical Review B</i> , Volume 53, Number 20, pp. R13 242-R13 245, (May 1996)	
	108	MURRAY, et al., <i>Journal of the American Chemical Society</i> , pp. 8706-8715, (January 1993)	
	109	NI, et al., <i>Chem. Mater.</i> , Volume 14, pp. 1048-1052, (February 2002)	
	110	PARK, et al., <i>Physical Review B</i> , Volume 49, Number 7, pp. 4485-4493, (February 1994)	
	111	PARK, et al., <i>Journal of the American Chemical Society</i> , Volume 122, , pp. 8581-8582, (August 2000)	
	112	PAUL, <i>Advanced Materials</i> , Volume 11, Number 3, pp. 191-204, (January 1999)	
	113	PENG, et al., <i>Journal of the American Chemical Society</i> , Volume 120, pp. 5343-5344, (May 1998)	
	114	PENG, et al., <i>Journal of the American Chemical Society</i> , Volume 124, pp. 3343-3353, (January 2002)	
	115	PENG, et al., <i>Nature</i> , Volume 404, pp. 59-61, (March 2000)	
	116	PENN, et al., <i>Science</i> , Volume 281, pp. 969-971, (August 1998)	
	117	QI, et al., <i>Journal of Physical Chemistry B</i> , Volume 101, pp. 3460-3463, (April 1997)	
	118	REES, et al., <i>Languir</i> , Volume 15, pp. 1993-2002, (February 1999)	

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9

of

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Complete if Known

Application Number	10/659,992
Filing Date	9/10/2003
First Named Inventor	A. Paul Alivisatos
Art Unit	
Examiner Name	

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	119	SATOH, et al., <i>Japanese Journal of Applied Physics</i> , Volume 38, Part 2, Number 5B, pp. L586-L589, (May 1999)	
	120	SHEVCHENKO, et al., <i>Advanced Materials</i> , Volume 14, Number 4, pp. 287-290, (February 2002)	
	121	SMALLEY, et al., <i>Solid State Communications</i> , Volume 107, Number 11, pp.597-606, (January 1998)	
	122	TANORI, et al., <i>Langmuir</i> , Volume 13, pp. 639-646, (January 1997)	
	123	TRENTLER, et al., <i>Science</i> , Volume 270, pp. 1791-1794, (December 1995)	
	124	WANG, et al., <i>Science</i> , Volume 293, pp. 1455-1457, (August 2001)	
	125	YEH, et al., <i>Physical Review B</i> , Volume 45, Number 20, pp. 12 130 - 12 133, (May 1992)	
	126	YEH, et al., <i>Physical Review B</i> , Volume 46, Number 16, pp. 10 086-10 097, (October 1992)	
	127	YU, et al., <i>The Journal of Physical Chemistry B</i> , Volume 101, Number 34, pp. 6661-6664, (August 1997)	
	128	ZHOU, et al., <i>Materials Research Bulletin</i> , Volume 34, Numbers 10/11, pp. 1563-1567, (January 1999)	
	129	ZHOU, et al., <i>Journal of Applied Polymer Science</i> , Volume 80, pp. 1520-1525, (January 2001)	
	130	CERULLO, et al, <i>In: Summaries of Papers at the Quantum and Laser Science Conference, QELS '96</i> . New York: IEEE, pp. 167-168, 2-7 June 1996	

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